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RAW SEQUENCE LISTING

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Information Center (STIC) no errors detected.

Application Serial Number: 10/532,482
Source: PCT
Date Processed by STIC: S-3-05

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/532,482

DATE: 05/03/2005

TIME: 11:16:12

Input Set : A:\HE6sequences.txt

Output Set: N:\CRF4\05032005\J532482.raw

3 <110> APPLICANT: Schering AG
 5 <120> TITLE OF INVENTION: EPIDIDYMIS-SPECIFIC GENE AS POTENTIAL CONTRACEPTIVE TARGET
 7 <130> FILE REFERENCE: 52332
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/532,482
 C--> 9 <141> CURRENT FILING DATE: 2005-04-22
 9 <150> PRIOR APPLICATION NUMBER: US 60/419,679
 10 <151> PRIOR FILING DATE: 2002-10-22
 12 <160> NUMBER OF SEQ ID NOS: 60
 14 <170> SOFTWARE: PatentIn version 3.1
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 18 <212> TYPE: DNA
 19 <213> ORGANISM: Homo sapiens
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 66 <212> TYPE: DNA
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 146 aatcactat agtaaaaacc tcaatgcattc cag 153

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 163 <213> ORGANISM: Rattus norvegicus
 165 <400> SEQUENCE: 13
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 168 ttccctactc caatggtaca ccagatgctg cttccgaagt attgtcact ttaaacagaa 120
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 205 tgcacagagg ttctccactt tttttctga actcgccgtc aggatggttt tctctgtcag 180
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 209 catcatttgc ttcatgtcg ttctggtaac atccctggaa gaagatactg ataattccag 300
 211 tttgtcacca ccacctgtat ttactttaag cttaactccct tcaaaccgaaa caggcgtcaa 360
 213 acccccagaga aatatctgca atttgtcatc tatttgcattt gactcagcat ttttagagg 420
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 219 cctgcaaacc ctaagtgaga ttactttat aatgtgtgt acagcagagg cccaaagcac 600
 221 attaaattgt acattcacaa taaaactgaa taatacaatg aatgcatgtg ctgcaatagc 660
 223 cgctttggaa agagtaaaga ttgcaccaat ggaacactgc tgctgttctg tcaggatacc 720
 225 ctgcccattcc tccccagaag agttggaaa gcttcagtgt gacctgcagg atcccattgt 780
 227 ctgtcttgc gaccatccac gtggcccaacc atttcttcc agccaatcca tcccaatgg 840
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| 231 | ttattcacct | gtgaccacaca | atgttccctc | tccaataggg | gagattcaac | cccttcacc | 960 |
| 233 | ccagccttca | gctcccatag | cttccagccc | tgccattgac | atgcccccac | agtctgaaac | 1020 |
| 235 | gatctcttcc | cctatgcccc | aaacccatgt | ctccggcacc | ccacctcctg | tgaaaggcctc | 1080 |
| 237 | attttcctct | cccaccgtgt | ctgccccctgc | gaatgtcaac | actaccagcg | cacctcctgt | 1140 |
| 239 | ccagacagac | atcgtaaca | ccagcagtat | ttctgtatctt | gagaaccaag | tgttgcagat | 1200 |
| 241 | ggagaaggct | ctgtccttgg | gcagcctgga | gcctaaccctc | gcaggagaaa | tgtatcaacca | 1260 |
| 243 | agttagcaga | ctccttcatt | ccccgcctga | catgtggcc | cctctggctc | aaagattgct | 1320 |
| 245 | gaaagtagtg | gatgacattt | gcctacagat | gaactttca | aacacgacta | taagtctaac | 1380 |
| 247 | ctcccccttct | ttggctctgg | ctgtgtatcg | agtgaatgcc | agtatgttca | acacaactac | 1440 |
| 249 | ctttgtggcc | caagaccctg | caaatttca | ggttctctg | gaaacccaag | ctcctgagaa | 1500 |
| 251 | cagtattggc | acaattactc | tcccttcattc | gctgtatgt | aatttaccag | ctcatgacat | 1560 |
| 253 | ggagctagct | tccagggttc | agttcaattt | tttggaaaca | cctgttttgt | ttcaggatcc | 1620 |
| 255 | ttccctggag | aaccttcttc | tgatcagcta | cgtcatatca | tcgagtttg | caaacctgac | 1680 |
| 257 | cgtcaggaac | ttgacaagaa | acgtgacagt | cacattaaag | cacatcaacc | cgagccagga | 1740 |
| 259 | tgagttaaaca | gtgagatgtg | tatggggaa | cttgggcaga | aatggtgca | gaggaggctg | 1800 |
| 261 | gtcagacaat | ggctgctctg | tcaaagacag | gagattgaat | gaaaccatct | gtacctgtag | 1860 |
| 263 | ccatctaaca | agcttcggcg | ttctgctgga | cctatctagg | acatctgtgc | tgcctgctca | 1920 |
| 265 | aatgtatggct | ctgacgttca | ttacatata | tgggtgtggg | cttcatcaa | ttttctgtc | 1980 |
| 267 | agtgactctt | gtaacctaca | tagtttga | aaagatccgg | agggattacc | cttccaaaat | 2040 |
| 269 | cctcatccag | ctgtgtctg | ctctgttct | gctgaacctg | gtttccctcc | tggactcg | 2100 |
| 271 | gattgctctg | tataagatgc | aaggcctctg | catctcagtg | gctgtatttc | ttcattattt | 2160 |
| 273 | tcttgggtc | tcattcacat | gatggggct | agaagcatc | catatgtacc | tggcccttgc | 2220 |
| 275 | caaagtattt | aatacttaca | tccgaaaaata | catcctaaa | ttctgcattt | tcggttgggg | 2280 |
| 277 | ggtaccagct | gtgggtgtga | ccatcatct | gactatatcc | ccagataact | atgggcttgg | 2340 |
| 279 | atcctatggg | aaattccca | atggttcacc | ggatgacttc | tgctggatca | acaacaatgc | 2400 |
| 281 | agtattctac | attacggtgg | tggatattt | ctgtgtata | ttttgtctga | acgtcagcat | 2460 |
| 283 | gttcattgtg | gtcctggttc | agctctgtcg | aattaaaaag | aagaagcaac | tggagccca | 2520 |
| 285 | gcaaaaaacc | agtattcaag | acctcaggag | tatcgctggc | cttacattt | tactggaaat | 2580 |
| 287 | aacttggggc | tttgcatttct | ttgcctgggg | accagttac | gtgacccitca | tgtatctgtt | 2640 |
| 289 | tgccatctt | aataccttac | aggattttt | catattcatc | tttactgtg | tggccaaaga | 2700 |
| 291 | aaatgtcagg | aagcaatgga | ggcggtatct | ttgttgtgg | aagttacggc | tggctgaaaa | 2760 |
| 293 | ttctgactgg | agtaaaaactg | ctactaatgg | tttaaaaag | cagactgtaa | accaaggagt | 2820 |
| 295 | gtccagctct | tcaaatttct | tacagtcaag | cagtaactcc | actaactcca | ccacactgt | 2880 |
| 297 | agtgaataat | gattgctcag | tacacgcaag | cggaaatgga | aatgttctta | cagagaggaa | 2940 |
| 299 | tgggtctct | tttagtgttc | agaatggaga | tgtgtccct | cacgatttca | ctgaaaaaca | 3000 |
| 301 | gcacatgttt | aacgagaagg | agattcctg | caatggaaa | ggccgtatgg | ctctcagaag | 3060 |
| 303 | gacttcaaa | cggggaaagct | tacactttat | tgagcaatg | tgattcttt | tttctaaaat | 3120 |
| 305 | caaagcatga | tgcttgacag | tgtgaaatgt | ccaattttac | cttttacaca | atgtgagatg | 3180 |
| 307 | tatgaaaatc | aactcatttt | attctcgcca | acatctggag | aagcataagc | taattaaggg | 3240 |
| 309 | cgtatgattat | tattacaaga | agaaacccaag | acattacacc | atggtttta | gacatttctg | 3300 |
| 311 | atttggtttc | ttatcttca | ttttataaga | aggttggtt | taaacaatac | actaagaatg | 3360 |
| 313 | actcctataaa | agaaaacaaa | aaaaggtat | gaactttcag | ctaccttta | aaggaggctaa | 3420 |
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| 317 | tgtgcatgccc | tttgggtat | ataagctaaa | ttctgtatcg | ccatgtgtca | aaaatcttac | 3540 |
| 319 | ttctacattt | ttttgtat | attttctact | gtgtaaatgt | attccttgc | agaatcatgg | 3600 |
| 321 | ttgtttgtc | tcacgtgata | attcagaaaa | tcctgtctg | ttccgcaat | cctaaagctc | 3660 |
| 323 | ctttggaga | tgatatacg | tgtgaaatac | agaaacctca | gtgaaatcaa | gaaataatga | 3720 |
| 325 | tcccagccag | actgagaaaa | tgtaaagcaga | cagtccaca | gttagctcat | acagtgcctt | 3780 |
| 327 | tgagcaagtt | aggaaaagat | gccccactg | ggcagacaca | gccctatggg | tcatgggg | 3840 |

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| 333 | ttatagaatc | tgcaccaaga | tgttagctt | tataccttgg | ccacagagag | ggatgaactg | 4020 |
| 335 | tcatccagac | catgtgtcag | aaaaattgtg | aacgttagatg | aggtacatac | actgccgctt | 4080 |
| 337 | ctcaaattccc | cagaggctt | aggaacagga | gagtagacta | ggattccttc | tctaaaaaag | 4140 |
| 339 | gtacatata | atggaaaaaa | atcatattgc | cgttcttaa | aaggcaactg | catggtacat | 4200 |
| 341 | tgttgattgt | tatgactggt | acactctggc | ccagccagag | ctataattgt | ttttaaatg | 4260 |
| 343 | tgtcttgaag | aatgcacagt | gacaagggga | gtagctattg | ggaacaggg | actgtcctac | 4320 |
| 345 | actgctattg | ttgctacatg | tatcgagcct | tgattgctcc | tagttatata | cagggtctat | 4380 |
| 347 | cttgcttcct | acctacatct | gcttgagcag | tgcctcaagt | acatccttat | taggaacatt | 4440 |
| 349 | tcaaaccctt | tttagttaag | tcttcacta | aggttctctt | gcatatattt | caagtgaatg | 4500 |
| 351 | ttggatctca | gactaaccat | agtaataata | cacatttctg | tgagtgctga | cttgtcttg | 4560 |
| 353 | caatatttct | tttctgattt | atthaatttt | cttgattta | tatgttaaaa | tcaaaaatgt | 4620 |
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| 368 | tgcacagagg | ttctccactt | tttttctga | actcgccgtc | aggatggttt | tctctgtcag | 180 |
| 370 | gcagtgtggc | catgtggca | gaactgaaga | agtttactg | acgttcaaga | tattccttgc | 240 |
| 372 | catcatttgc | tttcatgtcg | ttctggtaac | atccctggaa | gaagataactg | ataattccag | 300 |
| 374 | tttgtcacca | ccacccgtatg | ttactttaag | tttactccct | tcaaaacgaaa | cagaaaaaac | 360 |
| 376 | taaaatcaat | atagaaaaaa | ccttcaatgc | ttcaggcggtc | aaaccccaga | gaaatatctg | 420 |
| 378 | caatttgc | tctatttgc | atgactcagc | attttttgc | ggtgagatca | tgtttcaata | 480 |
| 380 | tgataaaagaa | agcactgttc | cccagaatca | acatataaag | aatggcacct | taactggagt | 540 |
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| 400 | ccaaaccat | gtctccggca | ccccacctcc | tgtgaaagcc | tcattttctt | ctcccaccgt | 1140 |
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| 418 | taagttcaat | tttttgaaa | cacctgctt | gttcaggat | ccttccctgg | agaacctctc | 1680 |
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VERIFICATION SUMMARY

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date